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**APPLICATION NUMBER: 60/458,489** 

FILING DATE: March 28, 2003

RELATED PCT APPLICATION NUMBER: PCT/US04/09618

By Authority of the COMMISSIONER OF PATENTS AND TRADEMARKS

E. BORNETT

Certifying Officer

PRIORITY DOCUMENT

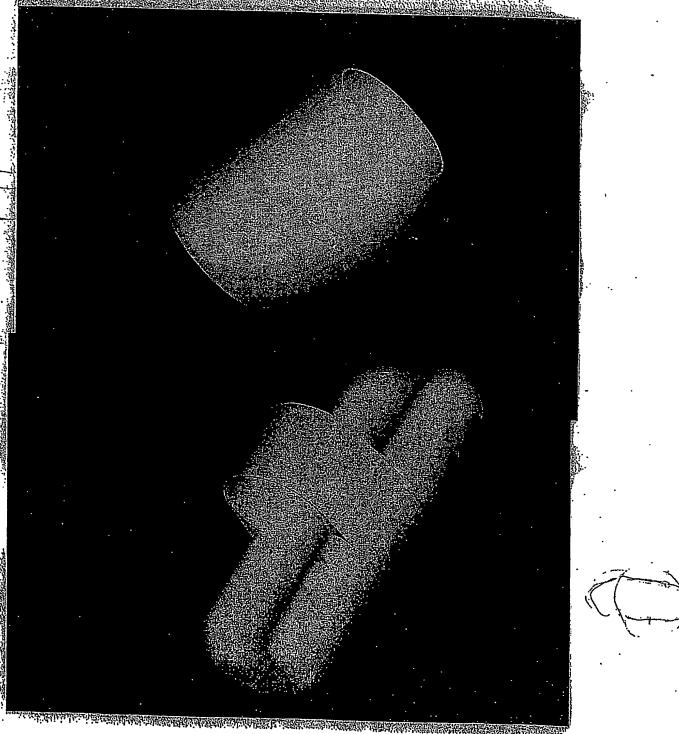
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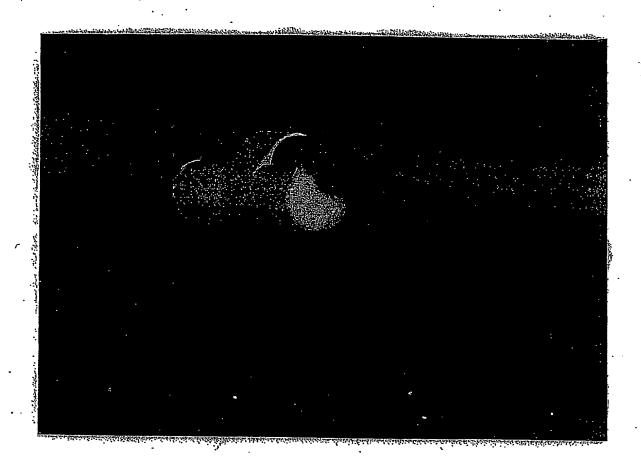
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		INVEN	TOR(S)/APPLICANT(S)	<del></del>
LAST NAME	FIRST NAME	MIDDLE INITIAL	RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)	
Stevens-Wright Sagon	Debbie Stephen	W.	North Andover, MA Amherst, NH	
[ ] Additional inve	entors are being na	ned on the	separately numbered sheets attached hereto.	
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		OSED APPL	ICATION PARTS (check all that apply)	
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		-	Respectfully submitted.	

<u>March 28, 2003</u> Date dames H. Morris, Reg. No. 34,681 Telephone No.: 617-720-3500

#### Description of Eccentric Electrode

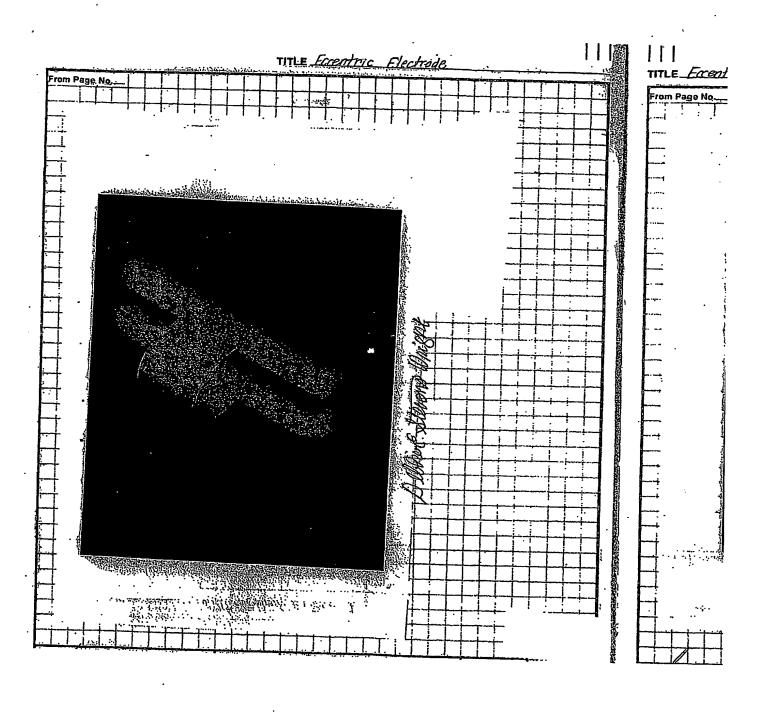
The "Eccentric Electrode Design" has a large tissue contact surface area. This surface area is larger than the blood contact surface area of the electrode. The objective of the larger tissue contact surface area is to produce deeper ablation lesions. In addition the electrode will minimize the mass in contact with the blood. The smaller mass will assure that minimal heating occurs along the blood contact surface. Two embodiments of the designation shows below:

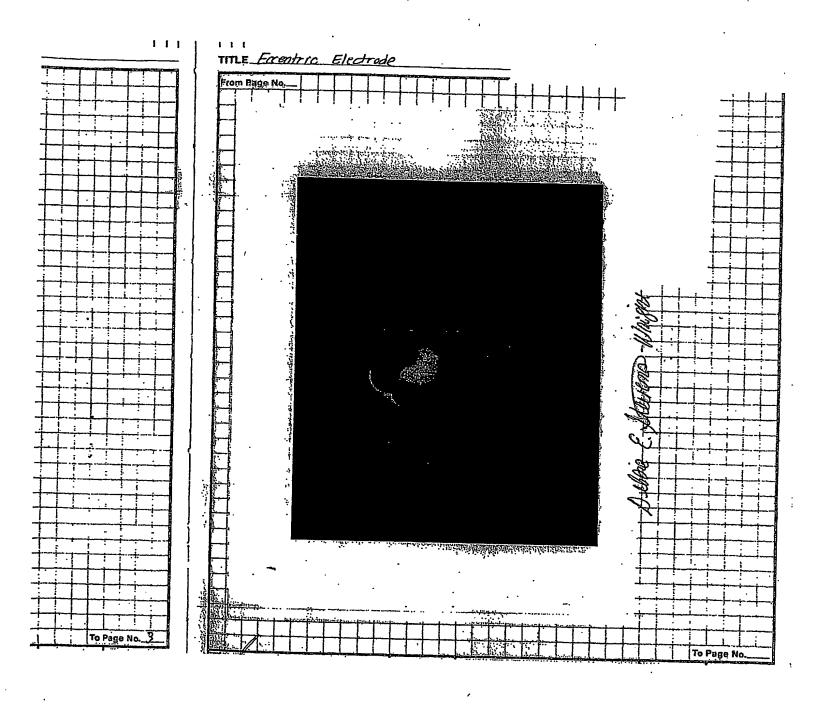




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11.1 TITLE Eccentric Electrode Design From Page No.\_ Analysis of eccentric electrade design shows that the convertive flow across the hissue surface is improved with this design. This design helps to litt the carneter typing away from hissue surface, thus improving blood flow across the hissue surface. This caoling allows move energy to be transferred into the hissue before nearly to a maximum Liceus temporature of moons. The chart below shows the relative improvement that this alsign of tests over various other designs. The diagram below shows the offset for a 9F, time clectrode design - Electrode ..... -2.997 am (./18") .... 8010. mm (+118.) ... tissue embedment. - 228604 mm (1009")

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